

M/035/0009
Incoming

Leslie Heppler <lheppler@utah.gov>



Monthly Clay Hollow Cleanup Update

1 message

Lindsay, Thiess (RTKC) <Thiess.Lindsay@riotinto.com>

Tue, Jul 15, 2014 at 2:22 PM

To: "paulbaker@utah.gov" <paulbaker@utah.gov>

Cc: "LHEPPLER@utah.gov" <LHEPPLER@utah.gov>, "dhall@utah.gov" <dhall@utah.gov>, "bhamos@utah.gov" <bhamos@utah.gov>, "DBACON@utah.gov" <DBACON@utah.gov>, "rstonestreet@utah.gov" <rstonestreet@utah.gov>, "dverbica@utah.gov" <dverbica@utah.gov>, "Fiedler.Kerri@epa.gov" <Fiedler.Kerri@epa.gov>, "wendellr@wjordan.com" <wendellr@wjordan.com>, "jhoggan@slco.org" <jhoggan@slco.org>, Mike Bradley <mbradley@utah.gov>

Mr. Baker

Attached is the monthly update report for the Clay Hollow Cleanup (6/15 – 7/15). Clean up of Phase I began on July 7th and is proceeding as planned. A meeting is currently scheduled between Rio Tinto and all three agencies to discuss the submission of the Phase II work plan; therefore on the schedule it is shown as "In Process". If you have any questions, please let me know.

Thank you

Thiess Lindsay

Principal Advisor - Land Quality

Rio Tinto Kennecott

8309 West 3595 South, Magna, UT 84044

T: (801) 569-6066 M: (801) 232-2682 F: (801) 569-6408

thiess.lindsay@riotinto.com www.riotintokennecott.com

RECEIVED E-Mail**JUL 15 2014****Div. of Oil, Gas & Mining**

This e-mail is confidential and may also be privileged. If you are not the intended recipient, please notify us immediately and delete this message from your system without first printing or copying it. Any personal data in this e-mail (including any attachments) must be handled in accordance with the Rio Tinto Group Data Protection Policy and all applicable data protection laws.

Avis:

Ce message et toute pièce jointe sont la propriété de Rio Tinto et sont destinés seulement aux personnes ou à l'entité à qui le message est adressé. Si vous avez reçu ce message par erreur, veuillez le détruire et en aviser l'expéditeur par courriel. Si vous n'êtes pas le destinataire du message, vous n'êtes pas autorisé à utiliser, à copier ou à divulguer le contenu du message ou ses pièces jointes en tout ou en partie.

Notice:

This message and any attachments are the property of Rio Tinto and are intended solely for the named recipients or entity to whom this message is addressed. If you have received this message in error please inform the sender via e-mail and destroy the message. If you are not the intended recipient you are not allowed to use, copy or disclose the contents or attachments in whole or in part.



Clay Hollow Cleanup Update July 15, 2014.pdf

84K

RECEIVED E-Mail

JUL 15 2014

Div. of Oil, Gas & Mining

ID	Work Area	Activity	Planned Target		Status	Comments
			Start	Finish		
1A	Segment 1	Additional sampling on the West Jordan property	4/1/2014	5/16/2014	Complete	The distribution of mine waste sediment shall be based on visual observation, XRF analysis of soils for arsenic and lead, and laboratory analysis on select confirmation samples for arsenic and lead.
1B	Segment 1	Draft a Characterization/Removal work plan	4/1/2014	4/17/2014	Complete	Plan provided as dictated in the DOGM Division Directive
1C	Segment 1	Site visit with DWQ, DOGM and DERR	4/9/2014			Allow regulators an opportunity to see the site in person and ask questions.
1D	Segment 1	Regulatory review of Cleanup Plan - Segment 1	4/18/2014	4/30/2014	Complete	Submission of joint review between the three agencies
1E	Segment 1	Obtain comments from DOGM, DWQ and DERR	4/22/2014	4/30/2014	Complete	Obtain comments from the agencies on Cleanup plan
1F	Segment 1	Revise work plan and address Agencies comments	4/22/2014	5/14/2014	Complete	Resubmittal for joint review between the three agencies
1G	Segment 1	Obtain Regulatory approval of Cleanup Plan - Segment 1	4/21/2014	7/3/2014	Complete	Regulatory approval of recommended action levels for arsenic, excavation and removal of material, transportation of material, final deposition of removed material, and restoration of the drainage.
2A	Segment 1	Increase desilting capacity at the Kennecott property line	7/7/2014	7/8/2014	Complete	Initial step is to prevent additional mine waste sediment from migrating off Rio Tinto property.
2B	Segment 1	Remove sediments from - Segment 1	7/9/2014	7/18/2014	In Process	The removal of mine waste sediment will commence just downstream of the desilting basins that are to be constructed. From this point the removal will continue downstream to the property line, thus preventing further migration of mine waste sediment off of Rio Tinto property.
1F	Segments 2-4	Submission of Cleanup plan for - Segments 2 - 4	7/18/2014	7/18/2014	In Process	Plan provided as dictated in the DOGM Division Directive.
2C	Segment 1	Reconstruct riprapped channel in - Segment 1	7/28/2014	8/8/2014		Replacement of Riprap material will be further protect the stream bottom from erosion and restore the site to its previous condition.
1G	Segments 2-4	Obtain Regulatory approval of work plan				Regulatory approval of recommended action levels for arsenic, excavation and removal of material, transportation of material, final deposition of removed material, and restoration of the drainage.
2D	Segment 1	Reseed impacted areas in - Segment 1	7/28/2014	8/8/2014		Revegetating immediately downstream of the desilting basins will minimize offsite migration of fines during a storm event.
3A	Segments 2-4	Remove sediments from - Segments 2-4	7/28/2014	9/22/2014		Removal of sediments found upstream of the desilting basins will minimize the loading and the maintenance of the basins.
3B	Segments 2-4	Reconstruct drainage channel - Segments 2-4	7/28/2014	9/26/2014		Regrading of the disturbed area will allow for natural water flow and will be done concurrent with removal.
3C	Segments 2-4	Reseed impacted areas in - Segments 2-4	11/3/2014	11/26/2014		Revegetation of the drainage found upstream of the desilting basins will minimize the loading and the maintenance of the basins.

Projected dates

* Monthly project updates will be provided on the 15th of each month, until the cleanup is complete. If Barneys deviates from the attached schedule, Barneys and Agencies will discuss any needed action at the agencies request.

RECEIVED E-Mail
JUL 15 2014
Div. of Oil, Gas & Mining